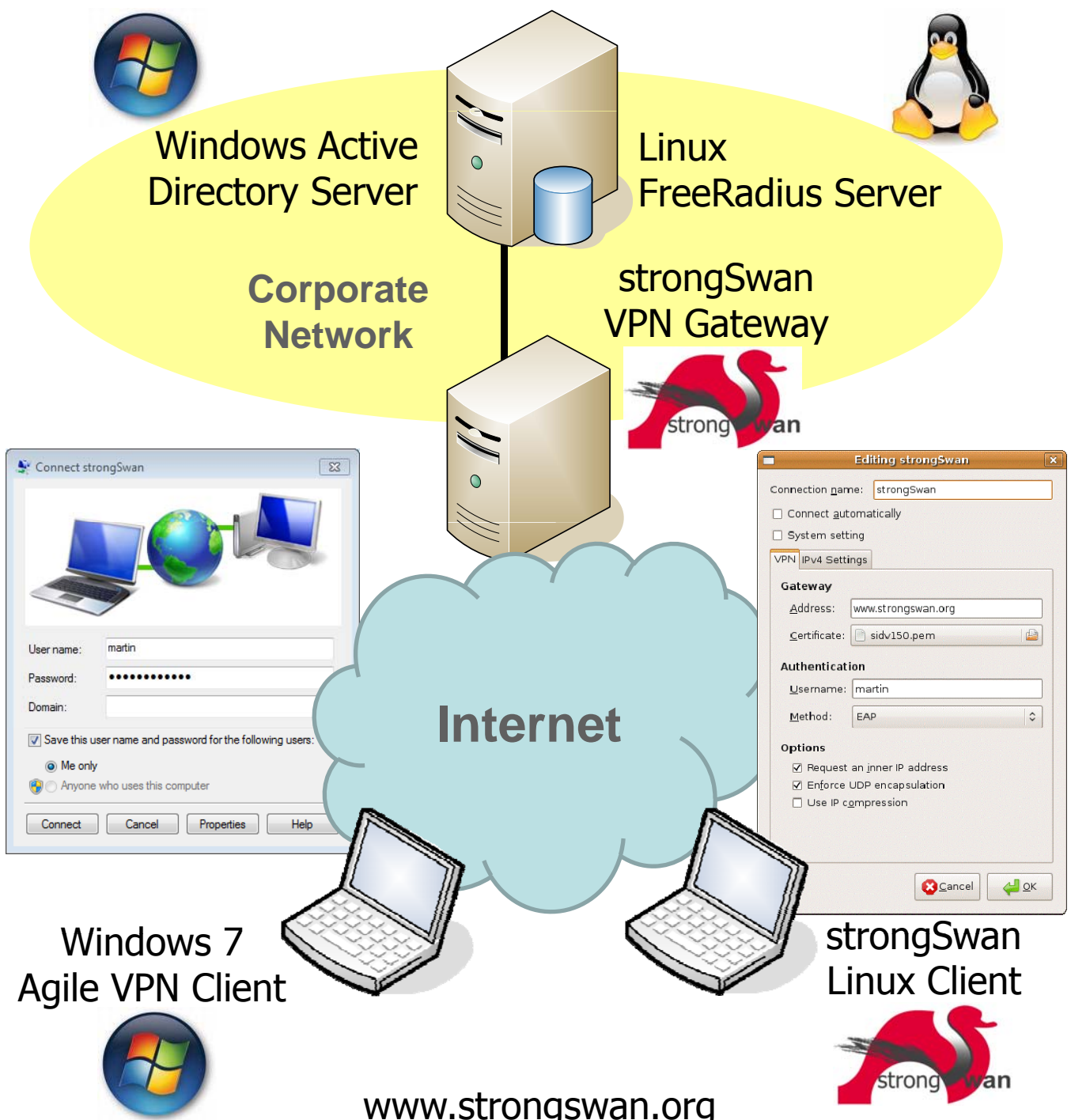




# The **Open Source** VPN Solution for Mixed Platforms

- Secure password login using IKEv2 EAP methods.
- User credentials on Active Directory or FreeRadius.
- strongSwan VPN Gateway scales up to 10'000 clients.



## strongSwan VPN features

- Runs on Linux 2.6 kernels using the native NETKEY IPsec stack.
- Fast VPN connection setup via IKEv1 and IKEv2 protocols.
- Automatic insertion and deletion of IPsec-policy-based firewall rules.
- Strong 128/192/256 bit AES or Camellia encryption, 3DES support.
- Fast key exchange using Elliptic Curve Diffie-Hellman groups.
- NAT-Traversal (RFC 3947) and assignment of virtual IP addresses.
- Virtual IP address pools managed by IKE daemon or SQL database.
- Dead Peer Detection (DPD, RFC 3706) takes care of dangling tunnels.
- Authentication based on certificates (RSA, ECDSA) or preshared keys (PSK).
- Retrieval and local caching of Certificate Revocation Lists via HTTP or LDAP.
- Full support of the Online Certificate Status Protocol (OCSP, RFC 2560).
- Powerful IPsec policies based on wildcards or intermediate CAs.
- Group policies based on X.509 attribute certificates (RFC 3281).
- Smartcard access via standardized PKCS #11 interface or OpenSSL engine.
- XAUTH authentication in conjunction with IKEv1 Main Mode.
- IKEv2 Multiple Authentication Exchanges (RFC 4739).
- IKEv2 EAP authentication (EAP-SIM, EAP-AKA, EAP-MSCHAPv2, etc.).
- Relay of user credentials to AD or FreeRadius Server via EAP-RADIUS.
- Full IKEv2 interoperability with Windows 7 and Windows Server 2008 R2.

## Our services

- We develop add-ons for strongSwan tailored to your specific needs, e.g. EAP client or server modules with RADIUS, LDAP or AD access. Major companies and governments all over the globe have chosen strongSwan for their hardware or software security solutions.
- We assist you in defining and setting up your optimized VPN solution. Corporate and campus networks with thousands of VPN clients connecting to a strongSwan gateway are known to work reliably with high availability.

